

PROBE MINES LIMITED

SUITE 1507 - 80 RICHMOND ST. WEST

TORONTO 1, ONTARIO
CANADA

AR36

PRESS RELEASE

August 3rd, 1965.

Immediate on Receipt

The initial hole, drilled by Probe Mines Limited at location 150 ft. west of its joint boundary with Hollinger (Quebec) Explorations in Dubuisson Township, Quebec, was completed at depth of 750 ft., President D. B. McWilliams states. Four separate sections were cut in the hole, including a zone of concentrated mineralization.

The 33.7 ft. core length from 445.8 to 479.5 ft. returned 0.17 oz. (\$6.29) gold per ton. The other sections were higher up in the hole and included 0.10 oz. over 4 ft. from 388.5 to 392.5 ft; 0.14 oz. over 3.7 ft. from 407.3 to 411.0 ft. and 2.554 oz. (\$94.50) gold per ton over 2.0 ft. from 420.8 to 422.8 ft.

The second hole in the current exploratory program, was sited 100 ft. northwest along strike and at last report had reached a depth of 326.0 ft. The hole had passed through the diabase dyke, which strikes northeasterly across the gold-bearing diorite dyke, from 316.0 to 325.0 ft. and entered the diorite porphyry of the gold-bearing dyke at 325.5 ft.

PROBE MINES LIMITED

Per:

D. B. McWilliams
D. B. McWilliams
President

PROBE MINES LIMITED

SUITE 1507 - 80 RICHMOND ST. WEST

TORONTO 1, ONTARIO
CANADAPRESS RELEASEPROBE MINES LIMITEDJULY 29TH, 1965

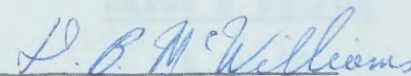
PROBE MINES LIMITED announces that Hole 65-11, in the Company's current drilling programme on its Dubuisson gold property, Quebec, has returned three very good gold-bearing intersections. Drilled 150 feet west of the east boundary and 2,000 feet along continuous line of strike from the main gold-bearing zone, initial assay returns give 2 oz. of gold over 2 ft. from 420.8 to 422.8 ft.; 0.285 oz. of gold over 6.6 ft. from 446.4 to 453.0 ft. and 0.24 oz. of gold over 4.2 ft from 474.3 to 478.5 ft. Further assay returns are expected next week. Hole 65-12 has been spotted 100 ft. west of Hole 65-11.

Probe's recent new gold-bearing horizon discovered in the volcanics just south of the footwall of the main dyke, has been confirmed as 0.573 oz. gold over 11 feet, from 1082.6 to 1093.6 ft. Consulting Engineer, A.S. Bayne has recommended 5,000 feet of drilling to evaluate this new horizon.

AUTHORIZED FOR RELEASE

PROBE MINES LIMITED

Per:


D.B. McWILLIAMS
PRESIDENT

AR36

A. S. BAYNE & COMPANY
CONSULTING ENGINEERS
80 Richmond Street West,
TORONTO, CANADA

July 27th, 1965.

The President & Directors,
Probe Mines Limited,
80 Richmond Street West,
Toronto 1, Ontario.

Gentlemen:

RE: Progress Report No. 10
Gold Property - Dubuissou Township

We are pleased to advise that the progress of exploratory work on your property has yielded results which indicate reasonable continuity of gold values over mineable widths and lengths to a depth of at least 1,000 feet for a strike length of at least 2,000 feet northwest across the property.

PROGRESS THIS MONTH:-

(1) Hole No. 65-11, drilled N. 10 deg. E. at -50 deg. dip, 150' west of the east boundary, has today been completed to 750 feet.

The first assay results, just received, show three intersections of possible commercial gold values over mineable widths, as follows:-

FROM (feet)	TO (feet)	CORE LENGTH (feet)	GOLD ASSAY PER TON oz/ton	Value @ \$37/oz
420.8	422.8	2.0	2.554	\$ 94.50
446.4	453.0	6.6	0.285	10.55
474.3	478.5	4.2	0.240	8.88

Assays from further samples are expected next week.

(2) Drilling activity by two drills near our east boundary, on Lot 40 Range VII, which we understand is held by Hollinger (Quebec) Explorations Ltd., led us to study the cores from Hole C-35, previously drilled across a section 200 to 400 feet from Probe's east boundary.

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Probe Mines Limited

A.S. Bayne, P. Eng.
July 27, 1965

It was found that considerable core has never been assayed, although several sections which were; yielded from 2.27 oz. (\$83.99) gold per ton over 1 foot to 0.325 oz. (\$12.03) gold per ton over 1.8 feet. Recent new sampling has yielded assays averaging 0.593 oz. (\$21.94) over 5.5 feet, at a vertical depth of 125 feet. Hole 65-11 intersections between 300 and 350 feet vertical depth, indicate a continuous gold-bearing zone of possible commercial grade and mineable width, dipping steeply to the south west.

(3) Hold 65-12 to follow Hole 65-11, is spotted at 70° dip on a N. 10° E. bearing, to check the continuity of this zone to a further 150 feet vertical depth.

(4) The core from Holes C-37 and C-39 which crossed a section 700 feet west of the east boundary, is now being relogged for new sampling, and current experience indicates that this will yield commercial gold values over mineable widths.

(5) Following completion of Hole 65-12, about the first week in August, it is planned to drill a series of holes across the gold-bearing dyke on 100 foot centres, to establish the continuity of the mineable gold-bearing zone over the 2,000 foot strike length now established, between Hole 65-11, near the east boundary and the site of the recent grid-drilling by Holes 65-1 to 65-9 inclusive.

(6) Engineering sections of these 9 holes, together with 5 previously drilled, are currently being prepared with the object of planning future underground exploration. The probable feasibility of this is indicated by the fact that the principal intersections in holes drilled at 50 to 75 foot centres over an area 250 x 200 feet, averaged 0.607 oz. (\$22.46) gold per ton over 7.6 feet, or alternately 0.53 oz (\$19.61) over 9.1 feet.

The above are algebraic averages of the principle intersections in 14 holes (5 exploratory angle holes and 9 vertical grid holes), drilled in the above at vertical depths up to 900 feet.

(7) Hole No. 65-10 which was at 182 feet on June 30th last, was stopped at 1191 feet on July 14, 1965. This hole was spotted just west of the middle of the north boundary of Claim No. 181493-3. It was drilled on 60-degree dip bearing S.20 deg. E., based on long-range (1/2 mile) geological projections, to establish the location and attitude

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of the south-easterly extension of the Marbenar fault. The fault zone was successfully crossed within our objective, between 1,000 and 1,158 feet.

A most encouraging feature of this hole is that it intersected wide bands quartz-feldspar porphyry from 15 to 90 feet wide on both sides of the fault. Within and on the south flank of the fault were bands of the pinkish quartz-feldspar porphyry typical of the gold-bearing intrusive along this break and including Probe's main zone 1/4 mile south. This is not expected to contain commercial values in the main fault zone, but low gold values (0.10 oz. per ton) were found in tuff just off the porphyry contacts. Another interesting occurrence was considerable pyrrhotite mineralization of the tuffs. A 4-inch section containing massive pyrrhotite carried 1-15% copper. Assays of core have been postponed to give priority to core from Hole 65-11 but these will be completed at a later date.

The geological implications surrounding the establishment of this fault zone, both in regard to the north claim and the known gold-bearing zone now drilling, warrants at least 5,000 feet of drilling on the north claim.

GENERAL FIELD-ENGINEERING:

1. The new core shack is being moved on site today and we expect to have all the core, drilled on this property to date, stored in shape for comprehensive and efficient checking by the end of this month.
2. Mr. J. E. Tilsley, a senior geologist, has been engaged to map the surface geology and relog Holes 65-1 to 65-9; also to perform a magnetometer survey and map the south claims which straddle the eastward extension of the Cadillac "break"
3. Mr. F. C. Knight, P. Eng., is assisting the writer in completing the engineering projections on drill holes.

CONCLUSIONS

- (1) The drilling to date has indicated the definite possibility of an economically mineable gold-bearing zone along at least 2000 feet of the 3000 foot gold-bearing dyke crossing the property, at depths up to at least 1000 feet.
- (2) A new gold-bearing horizon indicating possible commercial widths and values, has been discovered in the volcanics just south of the footwall of the main dyke. Hole 65-1 intersected 5 feet of 1.23 oz. gold per ton at 1088.6 to 1093.6 feet. Lower but important assays now returned on wall samples show this



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section to assay 0.573 oz. gold per ton over 11 feet,
from 1082.6 to 1093.6 feet.

(3) The north claim, extending 1/2 mile north
of the main dyke, crosses the important Marbenor fault
extension and is worthy of more complete investigation.

(4) The south two claims, extending 1/2 mile
south of the main dyke, straddles a strong "break" thought to
be the "Cadillac" break; which has been very productive from
Malartic to Val D'Or. Quebec Explorers Ltd. have drilled the
flanks of this break about 3/4 mile west of Probe and have
intersected an important gold bearing zone, the line of strike
passing through the middle of the Probe ground.

(5) In addition to the mine-wise data now built
up relative to the current drilling, the claims extending north
and south show excellent promise of containing important gold-
bearing structures.

RECOMMENDATIONS

The following work is recommended in addition
to that itemized in our "Projected Extension of Program",
dated May 17, 1965.

1. A minimum of 10,000 feet of additional drilling
to complete fill-in cross sections between Holes 65-11 and 65-6
in the main dyke.

2. A minimum of 5,000 feet of drilling to cross-
section and explore the depth extension of the main dyke dipping
into the "Marbenor" fault on the north claim.

3. A minimum of 5,000 feet of drilling to test
further the "footwall zone" and to cross-section (subject to
preliminary surface geological work), the southernmost two claims.

4. Engaged a senior geologist to relog and sample
drill cores from Holes C-12, 14, 6, 23, 41, 32, 37, 39.

The cost of the above work is estimated as
follows:-

Drilling (20,000 ft. @ \$5.00)	\$100,000.00
Additional Assays	5,000.00
Relogging Cores	2,000.00
	107,000.00
Contingency @ 10%	10,700.00
BALANCE FORWARD	
	\$117,700.00

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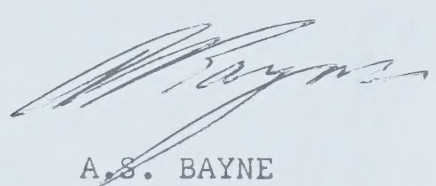
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July 27, 1965

BALANCE BROUGHT FORWARD	\$117,700.00
Engineering Supervision	12,000.00
	<u>\$129,700.00</u>
- say -	\$130,000.00

Respectfully submitted,

A.S. Bayne and Company

Per:


A.S. BAYNE

From A-1 with no ft
gross product & bar
cost \$60000
gross infernal debt
minus work cost.